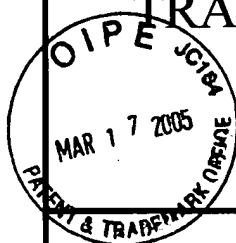


JFW



# TRANSMITTAL FORM

Application Serial Number	10/661,147
Filing Date	September 12, 2003
First Named Inventor	Saed
Group Art Unit	2631
Examiner Name	Not yet assigned
Attorney Docket No.	ICE-023
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

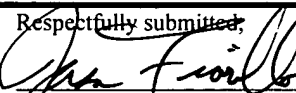
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]  <input type="checkbox"/> Petition for Extension of Time  <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations B1-B2, and C1  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard  <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)  Change of Correspondence Address for Application
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### CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Kirkpatrick & Lockhart Nicholson  
 Graham LLP  
 75 State Street  
 Boston, MA 02109-1808  
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### SIGNATURE BLOCK

Date: March 16, 2005  
 Reg. No. 52,892  
 Tel. No.: (617) 261-3186  
 Fax No.: (617) 261-3175

Respectfully submitted,  
  
 Jason P. Fiorillo  
 Attorney for Applicant  
 Kirkpatrick & Lockhart Nicholson  
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PATENT  
Attorney Docket No. ICE-023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Saed  
SERIAL NO.: 10/661,147 GROUP NO.: 2631  
FILING DATE: September 12, 2003 EXAMINER: Not yet assigned  
TITLE: Frequency Domain Equalizer For Wireless Communications System

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicant hereby makes of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

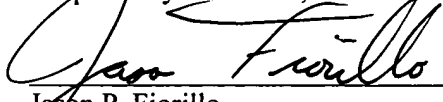
As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: March 16, 2005  
Reg. No. 52,892

Tel. No.: (617) 261-3186  
Fax No.: (617) 261-3175

Respectfully submitted,

  
\_\_\_\_\_  
Jason P. Fiorillo  
Attorney for Applicant(s)

Kirkpatrick & Lockhart Nicholson  
Graham LLP  
75 State Street  
Boston, Massachusetts 02109-1808



<b>FORM PTO - 1449</b> <b>SUPPLEMENTAL INFORMATION</b> <b>DISCLOSURE STATEMENT</b>					<b>ATTORNEY DOCKET NO.:</b> ICE-023 <b>APPLICANT(S):</b> Saed <b>SERIAL NO.:</b> 10/661,147 <b>FILING DATE:</b> 09/12/03 <b>GROUP:</b> 2631			
<b>U.S. PATENT DOCUMENTS</b>								
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	A1	2003/0128751	07/10/03	Vandenameele-Lepla	375	229	01/08/02	
	A2	2004/0109508	06/10/04	Jeon et al.	375	260	07/09/03	
	A3	6,389,062	05/14/02	Wu	375	222	04/30/98	
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	WO 98/39872	09/11/98	PCT	H04L	5/06	2/27/98	Y
	B2	WO 03/049390	06/12/03	PCT	H04L	25/06	12/4/02	Y
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>								
EXAM. INIT.	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>							
	C1	International Search Report for PCT/CA2004/001564 dated January 25, 2005						
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				



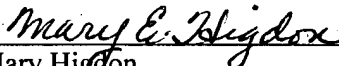
PATENT  
Attorney Docket No. ICE-023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Saed  
SERIAL NO.: 10/661,147 GROUP NO.: 2631  
FILING DATE: September 12, 2003 EXAMINER: Not yet assigned  
TITLE: Frequency Domain Equalizer For Wireless Communications System

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 16<sup>th</sup> day of March, 2005.

  
Mary Higdon

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 pg.);
2. Information Disclosure Statement (2 pgs.);
3. Form PTO-1449 (1 pg.);
4. Copy of References B1-B2 and C1;
5. Change of Correspondence Address for Application (1 pg.); and
6. Return Receipt Postcard.